



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

1636
JPW

Applicant(s): GAZIT, Dan et al.

Examiner: Quang Nguyen

Serial No.: 10/067,980

Group Art Unit: 1636

Filed: February 8, 2002

Title: METHODS AND COMPOSITIONS FOR ENHANCING CARTILAGE REP

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Sir:

INFORMATION DISCLOSURE STATEMENT

Pursuant to 37 C.F.R. §§1.56, 1.97 and 1.98, this Information Disclosure Statement includes Form PTO-1449:

1. ☐ listing documents including patents, publications and other information for consideration by the Examiner, however, since the subject application was filed after June 30, 2001, copies of United States patents, and/or United States patent applications, and/or United States patent application publications are not included in this information disclosure statement; and/or
2. ☐ listing documents including patents, publications and other information that have previously been cited or submitted to the Patent Office in prior application U.S. Serial No. _____, filed _____ which is properly identified and relied on for an earlier effective date under 35 U.S.C. 120 for consideration by the Examiner; however, in accordance with 37 C.F.R. 1.98(d), copies of such documents are not included in this information disclosure statement; and/or
3. ☒ listing documents including patents, publications, and other information for consideration by the Examiner, copies of which are included with this information disclosure statement.

4. ☐ listing other information for the Examiner's consideration which was cited communication from a foreign patent office in a counterpart foreign application, a c which is included with this information disclosure statement.

The information herein cited is only in fulfillment of Applicant(s) duty of can disclosing all information brought to Applicant(s) attention. This submission does not rep that a search has been made or that no better art exists and does not constitute an admissi each or all of the listed documents are material or constitute "prior art". If it should be deter that any of the listed documents do not constitute "prior art" under United States law, Appli reserve the right to present to the office the relevant facts and law regarding the appropriate of such documents.

Applicant(s) further reserve(s) the right to take appropriate action to establis patentability of the disclosed invention over the listed documents, should one or more documents be applied against the claims of the present application.

In accordance with MPEP Sections 609 and 707.05(b), it is requested that each and document cited (including any cited in applicant's specification which is not repeated c attached Form PTO-1449) be given thorough consideration and that it be cited of record prosecution history of the present application by initialing on Form PTO-1449. Such initia requested even if the Examiner does not consider it to be prior art for any reason, or even Examiner does not believe that the guidelines for citation have been fully complied with. 7 requested so that each document becomes listed on the face of the patent issuing on the p application and is evidence that the Examiner has considered the document.

This Information Disclosure Statement is being filed:

- I) ☐ Within three (3) months of filing the subject Application or entry , subject Application into the national stage or before mailing of the first Office Acti the merits of the subject Application or a request for continued examination th whichever event occurs last pursuant to of 37 C.F.R §1.97 (b); or
- II) ☒ After the period specified in (I) but before the mailing date of either a Official Action under 37 C.F.R §1.113 or a notice of allowance under 37 C.F.R § whichever occurs first and;

1. ☐ the undersigned hereby states that each item of information list the Form PTO-1449 was either (i) cited in a communication from a foreign j office in a counterpart foreign application not more than three (3) months nr

the filing of this Information Disclosure Statement or (ii) not cited communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned after making reasonable inquiry, no item of information contained in this Information Disclosure Statement was known to any individual designated in §1.56(c) more than three (3) months prior to the filing of this information disclosure statement; or

2. ☒ the undersigned hereby authorizes the Patent Office to charge the Petition fee in the amount of \$180.00 under 37 C.F.R. §1.17 (p) to Deposit Account 05-0649.

III) ☐ After the period in (I) and (II) but before the payment of the issue fee

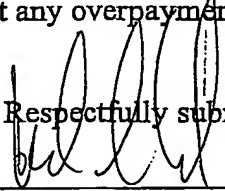
1. The undersigned hereby states:

a) ☐ that each item of information cited on the form PTC was cited in a communication from a foreign Patent Office in a counterpart foreign application not more than three (3) months prior to the filing of this Information Disclosure Statement; or

b) ☐ that no items of information contained in Form PTC were cited in a communication from a foreign patent office in a counterpart foreign application, and to the knowledge of the undersigned after a reasonable inquiry, no item of information contained in this Information Disclosure Statement was known to any individual designated in 37 C.F.R. §1.56(c) more than three months prior to the filing of this Information Disclosure Statement; and

2. ☐ The undersigned hereby authorizes the Patent Office to charge the Petition fee in the Amount of \$180.00 under 37 C.F.R. §1.17 (p) to Deposit Account 05-0649.

Except for issue fees payable under 37 C.F.R. §1.18, the Commissioner is authorized by this paper to charge any additional fees during the entire pendency of application including fees due under 37 C.F.R. §§1.16 and 1.17 which may be required, in any required extension of time fees, or credit any overpayment to Deposit Account No. 05-0


Respectfully submitted,

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Dated: July 18, 2004

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Application Number	10/067,980
Filing Date	February 8, 2002
First Named Inventor	GAZIT, Dan
Group Art Unit	1636
Examiner Name	Quang Nguyen
Attorney Docket Number	P-4891-US1

U.S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

[illegible]

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 2 of 2

Complete if Known

Application Number	10/067,980
Filing Date	February 8, 2002
First Named Inventor	GAZIT, Dan
Group Art Unit	1636
Examiner Name	Quang Nguyen
Attorney Docket Number	P-4891-US1

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (where appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	K	Brittberg M et al (1994) N Engl J Med. 331(14):889-95.
	L	Kispert A et al, (1995) EMBO J. 1995 Oct 2;14(19):4763-72.
	M	Papaioannou VE et al (1998) Bioessays. 20(1):9-19.
	N	Smith (1999) J Trends Genet. 15(4):154-8.
	O	Ahrens (1993) DNA Cell Biol. 12(10):871-80
	P	Hollnagel A et al, (1997) J Bone Miner Res. 12(12):1993-2004
	Q	Bachner D et al (1998) Dev.Dyn. 213(4):398-411.
	R	Bachner D et al (1998) Mech Dev. 84(1-2):121-5.
	S	Zehentner BM et al (1999) J Bone Miner Res. 14(10):1734-41
	T	Murakami et al (2000) Proc Natl Acad Sci U S A. 97(3):1113-8
	U	Kispert A et al, (1995) Dev Biol. 168(2):406-15.
	V	Takeuchi et al (2000) Genes Cells 5, 71-78.
	W	Mazars A et al (2000) Oncogene. Mar 2;19(10):1277-87.
	X	Kispert A et al (1994) Dev Biol. Jan;161(1): 179-93.
	Y	Wilkinson DG et al (1990) Nature. 343(6259):657-9

Examiner Signature		Date Considered	
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* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance. Include copy of this form with next communication to applicant.

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